

light exit face, so that the light intensity distribution curve of the light emerging at the light exit face is influenced in this plane;

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at least one of said optical components of each light unit being an element selected from a cap reflector, a light-refractive structure and an input reflector, said element being mounted on said support structure and being dimensioned so that the element can be used in any one of the light units of the system and so that if another one of said elements having different properties is used instead of said element of the light unit, said light unit will change to another light unit of the system having different light emission properties.--

--42. (New) A system according to claim 41, wherein the support structure of each light unit of the system has the same dimensions for receiving the element.--

--43. (New) A system according to claim 41, wherein the element is a reflector selected from a total reflective cap reflector and a partially light-transmissive cap reflector, so that the light unit can be changed between a direct lighting unit and a lighting unit with some indirect lighting.--

--44. (New) A system according to claim 41, wherein the element is a reflector selected from cap reflectors having different reflecting properties so that using a different cap reflector will change the emission properties of the units.

--45. (New) A system according to claim 41, wherein the light permeable component is selected from plate elements having different light refractive structures so that the light emission properties of the light unit is changed by changing the plate elements.--

--46. (Amended) A system according to claim 45, wherein the refractive structure of the plate element essentially prevents a light emission above a limited angle relative to the perpendicular vis a vis light exit face in at least one plane perpendicular to the light exit surface so that the shielding of light emerging at the light exit face is produced in this plane.--

--47. (New) A system according to claim 45, wherein the support structure includes a light permeable plate and the plate elements rest on the light permeable plate.--

--48. (New) A system according to claim 47, wherein the plate element is held onto the light permeable plate by at least one frame element.--

--49. (New) A system according to claim 47, wherein at least two plate elements separated by a spacer element rest on the light permeable plate.--

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--50. (New) A system according to claim 41, wherein the support structure of a group of light units of the system has the same dimensions and the light emission properties are different according to the optical properties of at least one of said optical components being mounted on the support structure.--

--51. (New) A system according to claim 41, wherein the element is a reflector selected from input reflectors having different reflecting properties and having dimensions so that changing input reflectors in the light unit changes the light emission properties of the unit.--

--52. (New) A system according to claim 51, wherein one of the input reflectors completely reflects light into the hollow light guide and another input reflector directs part of the light to bypass the hollow light guide to provide indirect lighting.--

--53. (New) A system according to claim 41, which has at least two light permeable components with the light refractive structure, said two light permeable components being arranged in a stack to create a shielding effect at least in two directions perpendicular to each other.--

--54. (New) A system according to claim 41, wherein, for a group of light units, the light output face by which light is coupled out from the hollow light guide, is different for at least two different light units of said group, said light permeable component is a plate element and the support structure of each of said light units of said group has the same dimensions for receiving said plate element.--

--55. (New) A system according to claim 41, wherein the light units are indoor lighting units.--

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--56. (New) A system of indoor light units, which have different light emission properties, each light unit comprising:

a support structure having a light permeable plate;

at least one hollow light guide with a cavity;

at least one lamp for directing light into the cavity;

optical components having light directing properties for influencing the beam path of the light output from the lamp;

at least one of said optical components being a light permeable element having a medium with a first index of refraction and having a boundary surface with a medium of a second index of refraction different from the first, said light permeable element being received on the light permeable plate of a light output device of the unit, and said boundary surface being provided with a light-refractive structure for deflecting light in at least one plane directed perpendicular to a light exit face of the output device so that the light intensity distribution curve of the light emerging at the light exit face is influenced in this plane; and

at least one of said optical components of each light unit being a cap reflector mounted on said structure to reflect light in the light guide through the light permeable element, at least one of said components being an element that is dimensioned so that it can be used in any one of the light units of the system.--

--57. (New) A system according to claim 56, wherein the cap reflector is selected from a total reflective cap reflector and a partially light-transmissive cap reflector, so that the light unit can be changed between a direct lighting unit and a lighting unit with some indirect lighting.--

--58. (New) A system according to claim 56, wherein the light permeable element is a plate element which is secured to the light permeable plate of the support structure.--

--59. (New) A system according to claim 56, wherein the light permeable elements are plate elements positioned on the light permeable plate with a spacer element disposed between adjacent plate elements and secured to the light permeable plate.--

--60. (New) A system according to claim 56, which has at least two light permeable elements, said two light permeable elements being plate elements with the light refractive structure, said two plate elements being arranged in a stack on the light permeable plate to create a shielding effect in two directions perpendicular to each other.--

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--61. (New) A system according to claim 56, wherein the light unit includes a light permeable plate and the at least one optical component is a plate element held onto the light permeable plate by at least one frame element.--

--62. (New) A system according to claim 56, wherein the first-mentioned element component can be replaced by a second element of the same dimensions and different properties, so that by replacing the first element with the second element, the light unit will have different light emission properties.--

--63. (New) A method for manufacturing a light unit comprising a support structure, at least one hollow light guide with a cavity, at least one lamp for directing light into the cavity, optical components having light directing properties for influencing the beam path of the light output from the lamp, at least one of said optical components being a light permeable component having a medium with a first index of refraction and having a boundary surface with a medium of a second index of refraction, which is different from the first, said light permeable component being part of a light output device of the unit and said boundary surface being provided with a light-refractive structure for deflecting light in at least one plane directed perpendicular to a light exit face of the output device so that the light intensity distribution curve of the light emerging at said light exit face is influenced in this plane, said light permeable component being a pre-fabricated light permeable component with predetermined dimensions, the method comprising the steps of:

providing said pre-fabricated light permeable component;

providing a light permeable carrier plate;

arranging at least one pre-fabricated light permeable component on said carrier plate in a predetermined area of said carrier plate to fill the area; and

fastening said pre-fabricated light permeable components and said carrier plate so that they limit the cavity of the hollow light guide.--

--64. (New) A method according to claim 63, wherein the step of arranging positions the pre-fabricated light permeable component on the carrier plate with a region having dimensions smaller than the predetermined area being on the carrier plate adjacent the pre-fabricated light permeable component.--

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--65. (New) A method according to claim 64, wherein the step of fastening includes securing a frame element engaging the pre-fabricated light permeable component in said region.--

--66. (New) A method according to claim 64, wherein the step of arranging will position at least two pre-fabricated light permeable components on the carrier plate with the region therebetween and positioning a spacer element in the region.--

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